



SUGARHOUSE FORM 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(USE AS MANY SHEETS AS NECESSARY)

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|-------|---|----|----|------------------------|----------|
| Sheet | 1 | Of | 17 | Attorney Docket Number | 14846-28 |
|-------|---|----|----|------------------------|----------|

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
| | | 2001/0011255 | 08/02/2001 | Asay et al. | |
| | | 2001/0054003 | 12/20/2001 | Chien et al. | |
| | | 2002/0010599 | 01/24/2002 | Levison | |
| | | 2002/0059141 A1 | 05/16/2002 | Davies et al | |
| | | 2002/0077978 A1 | 06/20/2002 | O'Leary et al. | |
| | | 3896266 | 07/22/1975 | Waterbury | |
| | | 3938091 | 02/10/1976 | Atalla, et al. | |
| | | 4321672 | 03/23/1982 | Braun, et al. | |
| | | 4567359 | 01/28/1986 | Lockwood | |
| | | 4633397 | 12/30/1986 | Macco | |
| | | 4695880 | 09/22/1987 | Johnson et al. | |
| | | 4696491 | 09/29/1987 | Stenger | |
| | | 4713761 | 12/15/1987 | Sharpe et al. | |
| | | 4725719 | 02/16/1988 | Oncken et al. | |
| | | 4745468 | 05/17/1988 | Von Kohorn | |
| | | 4799156 | 01/17/1989 | Shavit | |
| | | 4823264 | 04/18/1989 | Deming | |
| | | 4882675 | 11/21/1989 | Nichtberger et al. | |
| | | 4926255 | 05/15/1990 | Von Kohorn | |
| | | 4964043 | 10/16/1990 | Galvin | |
| | | 4992940 | 02/12/1991 | Dworkin | |
| | | 5016270 | 05/14/1991 | Katz | |
| | | 5050207 | 09/17/1991 | Hitchcock | |
| | | 5084816 | 01/28/1992 | Boese | |
| | | 5117355 | 05/26/1992 | McCarthy | |
| | | 5157717 | 10/20/1992 | Hitchcock | |
| | | 5202826 | 04/13/1993 | McCarthy | |
| | | 5233654 | 08/03/1993 | Harvey et al. | |
| | | 5265033 | 11/23/1993 | Vajk | |
| | | 5287268 | 02/15/1994 | McCarthy | |
| | | 5297026 | 03/22/1994 | Hoffman | |
| | | 5321841 | 06/14/1994 | East | |
| | | 5351186 | 09/27/1994 | Bullock | |
| | | 5420405 | 05/30/1995 | Chasek | |
| | | 5446740 | 08/29/1995 | Yien | |
| | | 5450134 | 09/12/1995 | Legate | |
| | | 5465206 | 11/07/1995 | Hilt et al. | |
| | | 5473143 | 12/05/1995 | Vak | |
| | | 5473732 | 12/05/1995 | Change | |
| | | 5511117 | 04/23/1996 | Zazzera | |
| | | 5513102 | 04/30/1996 | Auriemma | |
| | | 5532920 | 07/05/1996 | Hartrick | |
| | | 5537314 | 07/16/1996 | Kanter | |
| | | 5537473 | 07/16/1996 | Saward | |
| | | 5544086 | 08/06/1996 | Davis et al. | |
| | | 5551021 | 08/27/1996 | Harada | |
| | | 5557334 | 09/17/1996 | Legate | |

| | | | | | |
|-----------------------------------|--|---------------|--|---------------------------------|--------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
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| | | | | First Named Inventor | Lakshimi Narayanan |
| | | | | Art Unit | 2131 |
| | | | | Examiner Name | Jenise E. Jackson |
| (USE AS MANY SHEETS AS NECESSARY) | | Sheet 2 Of 17 | | Attorney Docket Number 14846-28 | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | 5557518 | 09/17/1996 | Rosen | |
| | | 5568489 | 10/22/1996 | Yien | |
| | | 5570295 | 10/29/1996 | Isenberg | |
| | | 5570465 | 10/29/1996 | Tsakanikas | |
| | | 5576951 | 11/19/1996 | Lockwood | |
| | | 5583778 | 12/10/1996 | Wind | |
| | | 5592378 | 01/07/1997 | Cameron | |
| | | 5594837 | 01/14/1997 | Noyes | |
| | | 5598557 | 01/28/1997 | Doner | |
| | | 5602936 | 02/11/1997 | Lynn | |
| | | 5603025 | 02/11/1997 | Tabb | |
| | | 5606496 | 02/25/1997 | D'Agostino | |
| | | 5611052 | 03/11/1997 | Dykstra | |
| | | 5621201 | 04/15/1997 | Langhans | |
| | | 5621789 | 04/15/1997 | McCalmont | |
| | | 5621812 | 04/15/1997 | Deaton et al. | |
| | | 5625767 | 04/29/1997 | Bartell | |
| | | 5634101 | 05/27/1997 | Blau | |
| | | 5638457 | 06/10/1997 | Deaton et al. | |
| | | 5640577 | 06/17/1997 | Scharmer | |
| | | 5642419 | 06/24/1997 | Rosen | |
| | | 5644493 | 07/01/1997 | Motai | |
| | | 5653914 | 08/05/1997 | Holmes, et al. | |
| | | 5657383 | 08/12/1997 | Gerber | |
| | | 5659165 | 08/19/1997 | Jennings | |
| | | 5664115 | 09/02/1997 | Fraser | |
| | | 5666493 | 09/09/1997 | Wojcik et al. | |
| | | 5671285 | 09/23/1997 | Newman | |
| | | 5675662 | 10/07/1997 | Deaton et al. | |
| | | 5677955 | 10/14/1997 | Doggett et al. | |
| | | 5678046 | 10/14/1997 | Cahill et al. | |
| | | 5682524 | 10/28/1997 | Freund | |
| | | 5684870 | 11/04/1997 | Maloney | |
| | | 5687322 | 11/11/1997 | Deaton et al. | |
| | | 5689100 | 11/18/1997 | Carrithers et al. | |
| | | 5692132 | 11/25/1997 | Hogan | |
| | | 5699528 | 12/16/1997 | Hogan | |
| | | 5703344 | 12/30/1997 | Bezy et al. | |
| | | 5710886 | 01/20/1998 | Christensen et al. | |
| | | 5710887 | 01/20/1998 | Chelliah | |
| | | 5710889 | 01/20/1998 | Clark et al. | |
| | | 5715298 | 02/03/1998 | Rogers | |
| | | 5715314 | 02/03/1998 | Payne | |
| | | 5715399 | 02/03/1998 | Bezos | |
| | | 5715402 | 02/03/1998 | Popolo | |
| | | 5715450 | 02/03/1998 | Ambrose | |
| | | 5724424 | 03/03/1998 | Gifford | |

| | | | | | |
|--|---|----|----|------------------------|--------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | 10/680,400 |
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| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | 5727163 | | 03/10/1998 | Bezos | |
| | 5734838 | | 03/31/1998 | Robinson | |
| | 5754840 | | 05/19/1998 | Rivette | |
| | 5758126 | | 05/26/1998 | Daniels et al. | |
| | 5758328 | | 05/26/1998 | Giovannoli | |
| | 5761288 | | 04/02/1998 | Gray | |
| | 5761647 | | 06/02/1998 | Boushy | |
| | 5761661 | | 06/02/1998 | Coussenns | |
| | 5765141 | | 06/09/1998 | Spector | |
| | 5765143 | | 06/09/1998 | Sheldon | |
| | 5774122 | | 06/30/1998 | Kojima | |
| | 5778178 | | 07/07/1998 | Arunachalam | |
| | 5784562 | | 07/21/1998 | Diener | |
| | 5787403 | | 07/28/1998 | Randle | |
| | 5787404 | | 07/28/1998 | Fernandez-Holman | |
| | 5790650 | | 08/04/1998 | Dunn | |
| | 5790785 | | 08/04/1998 | Klug et al. | |
| | 5793861 | | 09/11/1998 | Haigh | |
| | 5794178 | | 09/11/1998 | Caid | |
| | 5794207 | | 08/11/1998 | Walker | |
| | 5794259 | | 08/11/1998 | Kikinis | |
| | 5796395 | | 08/18/1998 | De Hond | |
| | 5802498 | | 09/01/1998 | Comesanas | |
| | 5802502 | | 09/01/1998 | Gell | |
| | 5805719 | | 09/08/1998 | Pare et al. | |
| | 5815657 | | 09/29/1998 | Williams et al. | |
| | 5815683 | | 09/29/1998 | Vogler | |
| | 5819092 | | 10/06/1998 | Ferguson | |
| | 5819285 | | 10/06/1998 | Damico | |
| | 5825870 | | 10/20/1998 | Miloslavsky | |
| | 5826241 | | 10/20/1998 | Stein | |
| | 5826245 | | 10/20/1998 | Sandberg-Diment | |
| | 5826250 | | 10/20/1998 | Trefler | |
| | 5828734 | | 10/27/1998 | Katz | |
| | 5832460 | | 11/03/1998 | Bednar | |
| | 5832476 | | 11/03/1998 | Tada | |
| | 5835580 | | 11/10/1998 | Fraser | |
| | 5835603 | | 11/10/1998 | Coutts | |
| | 5838906 | | 11/17/1998 | Doyle | |
| | 5987434 | | 11/16/1999 | Libman | |
| | 5991751 | | 11/23/1999 | Rivette et al. | |
| | 5991780 | | 11/23/1999 | Rivette | |
| | 5995948 | | 11/30/1999 | Whitford | |
| | 5999907 | | 12/07/1999 | Donner | |
| | 6003762 | | 11/21/1999 | Hayashida | |
| | 5534855 | | 07/09/1996 | Shockley et al. | |
| | 5842178 | | 11/24/1998 | Giovannoli | |

| | | | | | |
|--|---|----|----|------------------------|--------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
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| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-King ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | 5842211 | 11/24/1998 | Horadan | |
| | | 5844553 | 12/01/1998 | Hao | |
| | | 5845259 | 12/01/1998 | West et al. | |
| | | 5847709 | 12/08/1998 | Card | |
| | | 5848427 | 12/08/1998 | Hyodo | |
| | | 5852812 | 12/22/1998 | Reeder | |
| | | 5857079 | 01/05/1999 | Claus et al. | |
| | | 5862223 | 01/19/1999 | Walker | |
| | | 5864830 | 01/26/1999 | Armetta et al. | |
| | | 5870718 | 02/09/1999 | Spector | |
| | | 5870725 | 02/09/1999 | Belinger et al. | |
| | | 5873072 | 02/16/1999 | Kight | |
| | | 5873096 | 02/16/1999 | Lim | |
| | | 5880769 | 03/09/1999 | Nemirofsky | |
| | | 5884032 | 03/16/1999 | Bateman | |
| | | 5884288 | 03/16/1999 | Chang | |
| | | 5889863 | 03/30/1999 | Weber | |
| | | 5892900 | 04/06/1999 | Ginter et al. | |
| | | 5898780 | 04/27/1999 | Liu et al. | |
| | | 5899982 | 05/04/1999 | Randle | |
| | | 5903881 | 05/11/1999 | Schrader | |
| | | 5910988 | 06/08/1999 | Ballard | |
| | | 5913202 | 06/15/1999 | Motoyama | |
| | | 5914472 | 06/22/1999 | Foladare et al. | |
| | | 5915244 | 06/22/1999 | Jack et al. | |
| | | 5918214 | 06/29/1999 | Perkowski | |
| | | 5918217 | 06/29/1999 | Maggioncalda | |
| | | 5918239 | 06/29/1999 | Allen et al. | |
| | | 5920847 | 07/06/1999 | Kolling et al. | |
| | | 5926812 | 07/20/1999 | Hilsenrath | |
| | | 5930764 | 07/27/1999 | Melchione | |
| | | 5933816 | 09/03/1999 | Zeanah | |
| | | 5933817 | 08/03/1999 | Hucal | |
| | | 5933823 | 08/03/1999 | Cullen | |
| | | 5933827 | 09/03/1999 | Cole | |
| | | 5940812 | 08/17/1999 | Tengel et al. | |
| | | 5943656 | 08/24/1999 | Crooks | |
| | | 5945653 | 08/31/1999 | Walker et al. | |
| | | 5950173 | 09/07/1999 | Perkowski | |
| | | 5952639 | 07/14/1999 | Ohki | |
| | | 5952641 | 09/14/1999 | Korshun | |
| | | 5958007 | 09/28/1999 | Lee et al. | |
| | | 5960411 | 09/28/1999 | Hartman et al. | |
| | | 5963925 | 10/05/1999 | Kolling et al. | |
| | | 5963952 | 10/05/1999 | Smith | |
| | | 5963953 | 10/05/1999 | Cram et al. | |
| | | 5966695 | 10/12/1999 | Melchione et al. | |

| | | | | | |
|-----------------------------------|---|----|----|------------------------|--------------------|
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| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | 5966699 | | 10/12/1999 | Zandi | |
| | 5969318 | | 10/19/1999 | Mackenthun | |
| | 5970478 | | 10/19/1999 | Walker et al. | |
| | 5970482 | | 10/19/1999 | Pham | |
| | 5970483 | | 10/19/1999 | Evans | |
| | 6005939 | | 12/21/1999 | Fortenberry et al. | |
| | 6006249 | | 12/21/1999 | Leong | |
| | 6009415 | | 12/28/1999 | Shurling et al. | |
| | 6009442 | | 12/28/1999 | Chen et al. | |
| | 6012088 | | 01/04/2000 | Li et al. | |
| | 6014636 | | 01/11/2000 | Reeder | |
| | 6014638 | | 01/11/2000 | Burge et al. | |
| | 6014645 | | 01/11/2000 | Cunningham | |
| | 6018714 | | 01/25/2000 | Risen Jr. | |
| | 6026429 | | 02/15/2000 | Jones et al. | |
| | 6032147 | | 02/29/2000 | Williams et al. | |
| | 6038552 | | 03/14/2000 | Fleischl et al. | |
| | 6042006 | | 03/28/2000 | Van Tilburg et al. | |
| | 6044362 | | 03/28/2000 | Neely | |
| | 6049835 | | 04/11/2000 | Gagnon | |
| | 6055637 | | 04/25/2000 | Hudson et al. | |
| | 6061665 | | 05/09/2000 | Bahreman | |
| | 6064987 | | 05/16/2000 | Walker et al. | |
| | 6065675 | | 05/23/2000 | Teicher | |
| | 6070147 | | 05/30/2000 | Harms et al | |
| | 6070153 | | 05/30/2000 | Simpson | |
| | 6070244 | | 05/30/2000 | Orchier et al. | |
| | 6073105 | | 06/06/2000 | Sutcliffe et al. | |
| | 6073113 | | 06/06/2000 | Guinan | |
| | 6076072 | | 06/13/2000 | Libman | |
| | 6081790 | | 06/27/2000 | Rosen | |
| | 6081810 | | 06/27/2000 | Rosenzweig et al. | |
| | 6085168 | | 07/04/2000 | Mori et al. | |
| | 6088686 | | 07/11/2000 | Walker et al. | |
| | 6088700 | | 07/11/2000 | Larsen et al. | |
| | 6091817 | | 07/18/2000 | Bertina et al. | |
| | 6095412 | | 08/01/2000 | Bertina et al. | |
| | 6098070 | | 08/01/2000 | Maxwell | |
| | 6101486 | | 08/08/2000 | Roberts et al. | |
| | 6105865 | | 08/22/2000 | Hardesty | |
| | 6111858 | | 08/29/2000 | Greaves et al. | |
| | 6112181 | | 08/29/2000 | Shear et al. | |
| | 6115690 | | 09/05/2000 | Wong | |
| | 6128599 | | 10/03/2000 | Walker et al. | |
| | 6128602 | | 10/03/2000 | Northington et al. | |
| | 6131810 | | 10/17/2000 | Weiss et al. | |
| | 6134549 | | 10/17/2000 | Regnier et al. | |

| | | | | | |
|--|---|----|----|------------------------|--------------------|
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| | 6138118 | | 10/24/2000 | Koppstein et al. | |
| | 6144946 | | 11/07/2000 | Iwamura | |
| | 6144948 | | 11/07/2000 | Walker et al. | |
| | 6148293 | | 11/14/2000 | King | |
| | 6151584 | | 11/21/2000 | Papierniak et al. | |
| | 6164533 | | 12/26/2000 | Barton | |
| | 6185242 | | 02/06/2001 | Arthur et al. | |
| | 6189029 | | 02/13/2001 | Fuerst | |
| | 6195644 | | 02/27/2001 | Bowie | |
| | 6199077 | | 03/06/2001 | Inala et al. | |
| | 6201948 | | 03/13/2001 | Cook et al. | |
| | 6202054 | | 03/13/2001 | Lawlor et al. | |
| | 6216115 | | 04/10/2001 | Barrameda et al. | |
| | 6226623 | | 05/01/2001 | Schein et al. | |
| | 6227447 | | 05/08/2001 | Campisano | |
| | 6243688 | | 06/05/2001 | Kalina | |
| | 6266683 | | 07/24/2001 | Yehuda et al. | |
| | 6298356 | | 10/02/2001 | Jawahar et al. | |
| | 6301567 | | 10/09/2001 | Leong et al. | |
| | 6343279 | | 01/29/2002 | Bissonnette et al. | |
| | 6345261 | | 02/05/2002 | Feidelson | |
| | 6418457 | | 07/09/2002 | Schmidt et al. | |
| | 6438594 | | 08/20/2002 | Bowman-Amuah | |
| | 6493677 | | 12/10/2002 | von Rosen et al. | |
| | 6493685 | | 12/10/2002 | Ensel et al. | |
| | 6535855 | | 03/18/2003 | Cahill et al. | |
| | 6557039 | | 04/29/2003 | Leong et al. | |
| | 6609113 | | 08/19/2003 | O'Leary et al. | |
| | 6609125 | | 08/19/2003 | Layne et al. | |
| | 6618579 | | 09/09/2003 | Smith et al. | |
| | 6289322 | | 09/11/2001 | Kitchen et al. | |
| | 2001/0012974 | | 08/09/2001 | Mahaffey | |
| | 2003/0084647 | | 05/08/2003 | Smith et al. | |
| | 2003/0088552 | | 05/08/2003 | Bennett et al. | |
| | 2003/0115160 | | 06/19/2003 | Nowlin et al. | |
| | 2003/0119642 | | 06/26/2003 | Gates et al. | |
| | 2003/0177067 | | 09/18/2003 | Cowell et al. | |
| | 6202005 | | 03/13/2001 | Mahaffey | |
| | 6349242 | | 02/19/2002 | Mahaffey | |
| | 6623415 | | 09/23/2003 | Gates et al. | |
| | 5592560 | | 01/07/1997 | Deaton et al. | |
| | 5740231 | | 04/14/1998 | Cohn et al. | |
| | 5450537 | | 09/12/1995 | Hirai et al. | |
| | 6170011 | | 01/02/2001 | Beck et al. | |
| | 5317683 | | 05/31/1994 | Hager et al. | |
| | 6088683 | | 07/11/2000 | Jalili | |
| | 6016810 | | 01/25/2000 | Ravenscroft | |

| | | | | | |
|-------------------------------|--|---|----|----------------------|------------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
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| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
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| | 5412708 | | 05/02/1995 | Katz | |
| | 5467269 | | 11/14/1995 | Flaten | |
| | 2002/0107788 | | 08/08/2002 | Cunningham | |
| | 5991748 | | 11/23/1999 | Taskett | |
| | 5963635 | | 10/05/1999 | Szlam et al. | |
| | 5675637 | | 10/07/1997 | Szlam et al. | |
| | 6104716 | | 08/15/2000 | Crichton et al. | |
| | 6154750 | | 11/28/2000 | Roberge et al. | |
| | 6532284 | | 03/11/2003 | Walker et al. | |
| | 6772146 | | 08/03/2004 | Khemlani et al. | |
| | 2003/0105981 | | 06/05/2003 | Miller et al. | |
| | 6327578 | | 12/04/2001 | Linehan, Mark | |
| | 5961593 | | 10/05/1999 | Gabber et al. | |
| | 5848400 | | 12/08/1998 | Chang | |
| | 6045039 | | 04/04/2000 | Stinson et al. | |
| | 6230148 | | 05/08/2001 | Pare et al. | |
| | 6154879 | | 11/28/2000 | Pare et al. | |
| | 5764789 | | 06/09/1998 | Pare et al. | |
| | 2002/0018585 | | 02/14/2002 | Kim | |
| | 6182052 | | 01/30/2001 | Fulton et al. | |
| | 5828812 | | 10/27/1998 | Khan et al. | |
| | 4801787 | | 01/31/1989 | Suzuki | |
| | 6202151 | | 03/13/2001 | Musgrave et al. | |
| | 6269348 | | 07/31/2001 | Pare et al. | |
| | 6219706 | | 04/17/2001 | Fan | |
| | 6349336 | | 02/19/2002 | Sit et al. | |
| | 6687222 | | 02/03/2004 | Albert et al. | |
| | 6584508 | | 06/24/2003 | Epstein et al. | |
| | 5953710 | | 09/14/1999 | Fleming | |
| | 5845260 | | 12/01/1998 | Nakano et al. | |
| | 6088451 | | 07/11/2000 | He et al. | |
| | 6401211 | | 06/04/2002 | Brezak Jr. et al. | |
| | 5241594 | | 08/31/1993 | Kung | |
| | 5560008 | | 09/24/1996 | Johnson et al. | |
| | 5590199 | | 12/31/1996 | Krajewski et al. | |
| | 5604490 | | 02/18/1997 | Blakely et al. | |
| | 5818936 | | 10/06/1998 | Moshayekhi | |
| | 5944824 | | 08/31/1999 | He | |
| | 6000033 | | 12/07/1999 | Kelly et al. | |
| | 6092196 | | 07/18/2000 | Reiche | |
| | 6178511 | | 01/23/2001 | Cohen et al. | |
| | 6182142 | | 01/30/2001 | Win et al. | |
| | 6182225 | | 01/30/2001 | Hagiuda et al. | |
| | 6226679 | | 05/01/2001 | Gupta | |
| | 6243816 | | 06/05/2001 | Fang et al. | |
| | 6253327 | | 06/26/2001 | Zhang et al. | |
| | 6253328 | | 06/26/2001 | Smith Jr. | |

| | | | | | |
|-----------------------------------|--|---------------|--|---------------------------------|--------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| | | | | Application Number | 10/680,400 |
| | | | | Filing Date | October 7, 2003 |
| | | | | First Named Inventor | Lakshimi Narayanan |
| | | | | Art Unit | 2131 |
| | | | | Examiner Name | Jenise E. Jackson |
| (USE AS MANY SHEETS AS NECESSARY) | | Sheet 8 Of 17 | | Attorney Docket Number 14846-28 | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | 6453353 | 09/17/2002 | Win et al. | |
| | | 6275944 | 08/14/2001 | Kao et al. | |
| | | 6308273 | 10/23/2001 | Goertzel et al. | |
| | | 6311275 | 10/30/2001 | Jin et al. | |
| | | 6317838 | 11/13/2001 | Baize | |
| | | 6332192 | 12/18/2001 | Boroditsky et al. | |
| | | 6408389 | 06/18/2002 | Grawrock et al. | |
| | | 6460141 | 10/01/2002 | Olden, Eric M. | |
| | | 6496855 | 12/17/2002 | Hunt et al. | |
| | | 6496936 | 12/17/2002 | French et al. | |
| | | 6535917 | 03/18/2003 | Zamanzadeh et al. | |
| | | 6609198 | 08/19/2003 | Wood et al. | |
| | | 6618806 | 09/09/2003 | Brown et al. | |
| | | 2002/0007460 | 01/17/2002 | Azuma | |
| | | 2002/0104006 | 08/01/2002 | Boate et al. | |
| | | 2002/0184507 | 12/05/2002 | Makower et al. | |
| | | 2002/0188869 | 12/12/2002 | Patrick | |
| | | 2003/0023880 | 01/30/2003 | Edward et al. | |
| | | 2003/0046589 | 03/06/2003 | Gregg | |
| | | 2003/0070069 | 04/10/2003 | Belapurkar et al. | |
| | | 2003/0074580 | 04/17/2003 | Knouse et al. | |
| | | 2003/0079147 | 04/24/2003 | Hsieh et al. | |
| | | 2003/0084345 | 05/01/2003 | Bjornestad et al. | |
| | | 2003/0159072 | 08/21/2003 | Bellinger et al. | |
| | | 2003/0163733 | 08/28/2003 | Barriga-Caceres et al. | |
| | | 6038547 | 03/14/2000 | Casto | |
| | | 5189606 | 02/23/1993 | Burns et al. | |
| | | 6105012 | 08/15/2000 | Chang et al. | |
| | | 6298330 | 10/02/2001 | Gardenswartz et al. | |
| | | 6820202 | 11/16/2004 | Wheeler et al. | |
| | | 6385591 | 05/07/2002 | Mankoff | |
| | | 4941090 | 07/10/1990 | McCarthy | |
| | | 5235509 | 08/10/1993 | Mueller et al. | |
| | | 5737414 | 04/07/1998 | Walker et al. | |
| | | 5768382 | 06/16/1998 | Schnier et al. | |
| | | 5797127 | 08/18/1998 | Walker et al. | |
| | | 5798508 | 08/25/1998 | Walker et al. | |
| | | 5825863 | 10/20/1998 | Walker | |
| | | 5828751 | 10/27/1998 | Walker et al. | |
| | | 5871398 | 02/16/1999 | Schneier et al. | |
| | | 5884270 | 03/16/1999 | Walker et al. | |
| | | 5884272 | 03/16/1999 | Walker et al. | |
| | | 5884274 | 03/16/1999 | Walker et al. | |
| | | 5909486 | 06/01/1999 | Walker et al. | |
| | | 5921864 | 07/13/1999 | Walker et al. | |
| | | 5923763 | 07/13/1999 | Walker et al. | |
| | | 5926796 | 07/20/1999 | Walker et al. | |

| | | | | | |
|--|---|----|----|------------------------|--------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | 10/680,400 |
| <i>(USE AS MANY SHEETS AS NECESSARY)</i> | | | | Filing Date | October 7, 2003 |
| | | | | First Named Inventor | Lakshimi Narayanan |
| | | | | Art Unit | 2131 |
| | | | | Examiner Name | Jenise E. Jackson |
| Sheet | 9 | Of | 17 | Attorney Docket Number | 14846-28 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-King ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | 5946388 | 08/31/1999 | Walker et al. | |
| | | Re. 36116 | 02/23/1999 | McCarthy | |
| | | 5949044 | 09/07/1999 | Walker et al. | |
| | | 5949875 | 09/07/1999 | Walker et al. | |
| | | 5950174 | 09/07/1999 | Brendzel | |
| | | 5956695 | 09/21/1999 | Carrithers et al. | |
| | | 5967896 | 10/19/1999 | Jorasch et al. | |
| | | 5970143 | 10/19/1999 | Schneier et al. | |
| | | 5970470 | 10/19/1999 | Walker et al. | |
| | | 5978467 | 11/02/1999 | Walker et al. | |
| | | 5983196 | 11/09/1999 | Wendkos | |
| | | 5987498 | 11/16/1999 | Athing et al. | |
| | | 5991736 | 11/23/1999 | Ferguson et al. | |
| | | 5991738 | 11/23/1999 | Ogram | |
| | | 5999596 | 12/07/1999 | Walker et al. | |
| | | 6001016 | 12/14/1999 | Walker et al. | |
| | | 6006205 | 12/21/1999 | Loeb et al. | |
| | | 6012983 | 01/11/2000 | Walker et al. | |
| | | 6014439 | 01/11/2000 | Walker et al. | |
| | | 5995976 | 11/30/1999 | Walker et al. | |
| | | 6014635 | 01/11/2000 | Harris et al. | |
| | | 6014641 | 01/11/2000 | Loeb et al. | |
| | | 6018718 | 01/25/2000 | Walker et al. | |
| | | 6024640 | 02/15/2000 | Walker et al. | |
| | | 6032134 | 02/29/2000 | Weissman | |
| | | 6049778 | 04/11/2000 | Walker et al. | |
| | | 6075519 | 06/13/2000 | Okatani et al. | |
| | | 6088444 | 07/11/2000 | Walker et al. | |
| | | 6119093 | 09/12/2000 | Walker et al. | |
| | | 6119099 | 09/12/2000 | Walker et al. | |
| | | 6135349 | 10/24/2000 | Zirkel | |
| | | 6138106 | 10/24/2000 | Walker et al. | |
| | | 6141651 | 10/31/2000 | Riley et al. | |
| | | 6208978 | 03/27/2001 | Walker et al. | |
| | | 6266648 | 07/24/2001 | Baker III | |
| | | 6267292 | 07/31/2001 | Walker et al. | |
| | | 6327573 | 12/04/2001 | Walker et al. | |
| | | 6336104 | 01/01/2002 | Walker et al. | |
| | | 2001/0032184 | 10/18/2001 | Tenembaum | |
| | | 2001/0047295 | 11/29/2001 | Tenembaum | |
| | | 5947747 | 09/07/1999 | Walker et al. | |
| | | 6010404 | 01/04/2000 | Walker et al. | |
| | | 6222914 | 04/24/2001 | McMullin | |
| | | 2001/0051917 | 12/13/2001 | Bissonette et al. | |
| | | 2002/0007313 | 01/17/2002 | Mai et al. | |
| | | 2002/0010668 | 01/24/2002 | Travis et al. | |
| | | 6832202 | 12/14/2004 | Schuyler et al. | |

| | | | | | |
|--|----|----|----|------------------------|--------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | 10/680,400 |
| <i>(USE AS MANY SHEETS AS NECESSARY)</i> | | | | Filing Date | October 7, 2003 |
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| | | | | Art Unit | 2131 |
| | | | | Examiner Name | Jenise E. Jackson |
| Sheet | 10 | Of | 17 | Attorney Docket Number | 14846-28 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | 6581040 | 06/17/2003 | Wright et al. | |
| | | 5381332 | 01/10/1995 | Wood | |
| | | 5950206 | 09/07/1999 | Krause | |
| | | 6324524 | 11/27/2001 | Lent et al. | |
| | | 6049782 | 04/11/2000 | Gottesman et al. | |
| | | 6260026 | 07/10/2001 | Tomida et al. | |
| | | 5828833 | 10/27/1998 | Belville et al. | |
| | | 6208984 | 03/27/2001 | Rosenthal | |
| | | 2002/0104017 | 08/01/2002 | Stefan | |
| | | 2002/0099826 | 07/25/2002 | Summers et al. | |
| | | 2002/0165949 | 11/07/2002 | Na | |
| | | 2002/0191548 | 12/19/2002 | Ylonen et al. | |
| | | 2003/0037142 | 02/20/2003 | Munger et al. | |
| | | 2003/0046587 | 03/06/2003 | Bheemarasetti et al. | |
| | | 2003/0051026 | 03/13/2003 | Carter et al. | |
| | | 2003/0070084 | 04/10/2003 | Satoma et al. | |
| | | 2003/0110399 | 06/12/2003 | Rail | |
| | | 2003/0191549 | 10/09/2003 | Otsuka et al. | |
| | | 6385652 | 05/07/2002 | Brown et al. | |
| | | 6856970 | 02/15/2005 | Campbell et al. | |
| | | 6065120 | 05/16/2000 | Laursen, et al. | |
| | | 6141666 | 10/31/2000 | Tobin, William | |
| | | 6754833 | 06/22/2004 | Black, et al. | |
| | | 6892231 | 05/10/2005 | Jager, Marcus | |
| | | 2002/0032613 | 03/14/2002 | Buettgenbach, et al. | |
| | | 2002/0032650 | 03/14/2002 | Hauser, et al. | |
| | | 2002/0152163 | 10/17/2002 | Bezos, et al. | |
| | | 2002/0174010 | 11/21/2002 | Rice III, James | |
| | | 2004/0031856 | 02/19/2004 | Atsmon, et al. | |
| | | 6134592 | 10/17/2000 | Montulli | |
| | | 6718482 | 04/06/2004 | Sato, et al. | |
| | | 6725269 | 04/20/2004 | Megiddo | |
| | | 6751654 | 06/15/2004 | Massarani, et al. | |
| | | 6766370 | 07/20/2004 | Glommen, et al. | |
| | | 6907566 | 06/14/2005 | McElfresh, et al. | |
| | | 5479530 | 12/26/1995 | Nair, et al. | |
| | | 6026398 | 02/15/2000 | Brown, et al. | |
| | | 6438666 | 08/20/2002 | Cassagnol, et al. | |
| | | 6592044 | 07/15/2003 | Wong, et al. | |
| | | 6609654 | 08/26/2003 | Anderson, et al. | |
| | | 6738779 | 05/18/2004 | Shapira | |
| | | 6755341 | 06/29/2004 | Wong, et al. | |
| | | 6785810 | 08/31/2004 | Lirov, et al. | |
| | | 6805288 | 10/19/2004 | Routhenstein, et al. | |
| | | 2003/0034388 | 02/20/2003 | Routhenstein et al., | |
| | | 2005/0080747 | 04/14/2005 | Anderson et al. | |
| | | 2005/0082362 | 04/21/2005 | Anderson et al. | |

| | | | | | |
|--|----|----|----|------------------------|--------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | 10/680,400 |
| (USE AS MANY SHEETS AS NECESSARY) | | | | Filing Date | October 7, 2003 |
| | | | | First Named Inventor | Lakshimi Narayanan |
| | | | | Art Unit | 2131 |
| | | | | Examiner Name | Jenise E. Jackson |
| Sheet | 11 | Of | 17 | Attorney Docket Number | 14846-28 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-King ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | 2005/0086160 | 04/21/2005 | Wong et al., | |
| | | 2005/0086177 | 04/21/2005 | Anderson et al., | |
| | | 2001/0027474 | 10/04/2001 | Nachman, et al. | |
| | | 2002/0023108 | 02/21/2002 | Daswani, et al., | |
| | | 2004/0117409 | 06/17/2004 | Scahill, et al. | |
| | | 2005/0278641 | 12/15/2005 | Mansour, et al. | |
| | | 6449765 | 09/10/2002 | Ballard | |
| | | 6526404 | 02/25/2003 | Slater et al. | |
| | | 6983421 | 01/03/2006 | Lahti, et al. | |
| | | 5866889 | 02/02/1999 | Weiss, et al. | |
| | | 6401125 | 06/04/2002 | Makarios, et al. | |
| | | 6487641 | 11/26/2002 | Cusson, et al. | |
| | | 6539424 | 03/25/2003 | Dutta | |
| | | 6574348 | 06/03/2003 | Venkatesan, et al. | |
| | | 6584505 | 06/24/2003 | Howard, et al. | |
| | | 6668322 | 12/23/2003 | Wood, et al. | |
| | | 6718535 | 04/06/2004 | Underwood | |
| | | 6789115 | 09/07/2004 | Singer, et al. | |
| | | 6810395 | 10/26/2004 | Bharat | |
| | | 6925481 | 08/02/2005 | Singhal, et al. | |
| | | 7020696 | 03/28/2006 | Perry, et al. | |
| | | 2002/0198806 | 12/26/2002 | Blagg, et al. | |
| | | 5815665 | 09/29/1998 | Teper et al. | |
| | | 6081900 | 06/27/2000 | Subramaniam et al. | |
| | | 6640302 | 10/28/2003 | Subramaniam et al. | |
| | | 6714987 | 03/30/2004 | Amin et al. | |
| | | 6769605 | 08/03/2004 | Magness | |
| | | 6950936 | 09/27/2005 | Subramaniam et al. | |
| | | 7058817 | 06/06/2006 | Ellmore | |
| | | 7080036 | 07/18/2006 | Drummond et al. | |
| | | 7089208 | 08/08/2006 | Levchin et al. | |
| | | 2004/0049702 | 03/11/2004 | Subramaniam et al. | |
| | | 2002/0095443 | 07/18/2002 | Kovack | |
| | | 2003/0055871 | 03/20/2003 | Roses | |
| | | 6589291 | 07/08/2003 | Boag et al. | |
| | | 6675261 | 01/06/2004 | Shandony | |
| | | 6992786 | 01/31/2006 | Breding et al. | |
| | | 7117239 | 10/03/2006 | Hansen | |
| | | 2002/0029269 | 03/07/2002 | McCarty, et al. | |
| | | 2002/0087447 | 07/04/2002 | McDonald, et al. | |
| | | 2003/0001888 | 01/02/2003 | Power | |
| | | 2003/0037131 | 02/20/2003 | Verma | |
| | | 2003/0040995 | 02/27/2003 | Daddario, et al. | |
| | | 2003/0163700 | 08/28/2003 | Paatero | |
| | | 2005/0120180 | 06/02/2005 | Schornbach, et al. | |
| | | 3705385 | 12/05/1972 | Batz | |
| | | 3860870 | 01/14/1975 | Furuya | |

| | | | | | |
|--|----|----|----|------------------------|--------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | 10/680,400 |
| <i>(USE AS MANY SHEETS AS NECESSARY)</i> | | | | Filing Date | October 7, 2003 |
| | | | | First Named Inventor | Lakshimi Narayanan |
| | | | | Art Unit | 2131 |
| | | | | Examiner Name | Jenise E. Jackson |
| Sheet | 12 | Of | 17 | Attorney Docket Number | 14846-28 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | 4013962 | 03/22/1977 | Beseke, et al. | |
| | | 5592553 | 01/07/1997 | Guski, et al. | |
| | | 5661807 | 08/26/1997 | Guski, et al. | |
| | | 5781909 | 07/14/1998 | Logan, et al. | |
| | | 5832211 | 11/03/1998 | Blakley, III, et al. | |
| | | 5838903 | 11/17/1998 | Blakely, III, et al. | |
| | | 5862323 | 01/19/1999 | Blakely, III, et al. | |
| | | 5987454 | 11/16/1999 | Hobbs | |
| | | 6016476 | 01/18/2000 | Maes, et al. | |
| | | 6092192 | 07/18/2000 | Kanevsky, et al. | |
| | | 6182220 | 01/30/2001 | Chen, et al. | |
| | | 6202158 | 03/13/2001 | Urano, et al. | |
| | | 6219639 | 04/17/2001 | Bakis, et al. | |
| | | 6226752 | 05/01/2001 | Gupta, et al. | |
| | | 6256664 | 07/03/2001 | Donoho, et al. | |
| | | 6317834 | 11/13/2001 | Gennaro, et al. | |
| | | 6363381 | 03/26/2002 | Lee, et al. | |
| | | 6411933 | 06/25/2002 | Maes, et al. | |
| | | 6507912 | 01/14/2003 | Matyas, Jr., et al. | |
| | | 6580814 | 06/17/2003 | Ittycheriah, et al. | |
| | | 6609106 | 08/19/2003 | Robertson | |
| | | 6684384 | 01/27/2004 | Bickerton, et al. | |
| | | 6687245 | 02/03/2004 | Fangman, et al. | |
| | | 6697947 | 02/24/2004 | Matyas, Jr., et al. | |
| | | 6735695 | 05/11/2004 | Gopalakrishnan, et al. | |
| | | 6819219 | 11/16/2004 | Bolle, et al. | |
| | | 6826696 | 11/30/2004 | Chawla, et al. | |
| | | 6847991 | 01/25/2005 | Kurapati | |
| | | 6934848 | 08/23/2005 | King, et al. | |
| | | 6938158 | 08/30/2005 | Azuma | |
| | | 6957337 | 10/18/2005 | Chainer, et al. | |
| | | 6965939 | 11/15/2005 | Cuomo, et al. | |
| | | 6976164 | 12/13/2005 | King, et al. | |
| | | 6980962 | 12/27/2005 | Arganbright, et al. | |
| | | 7010512 | 03/07/2006 | Gillin, et al. | |
| | | 7032110 | 04/18/2006 | Su, et al. | |
| | | 7089503 | 08/08/2006 | Bloomquist, et al. | |
| | | 7093020 | 08/15/2006 | SunGard SCT, Inc., | |
| | | 7137006 | 11/14/2006 | Grandcolas, et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | 01/43084 | 06/14/2001 | Steinberger | |
| | | 0917119 | 05/19/1999 | Paltenghe et al | |
| | | 01/35355 | 05/17/2001 | Tsuei et al. | |

| | | | | | |
|-----------------------------------|--|----------------|--|---------------------------------|--------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| | | | | Application Number | 10/680,400 |
| | | | | Filing Date | October 7, 2003 |
| | | | | First Named Inventor | Lakshimi Narayanan |
| | | | | Art Unit | 2131 |
| | | | | Examiner Name | Jenise E. Jackson |
| (USE AS MANY SHEETS AS NECESSARY) | | Sheet 13 Of 17 | | Attorney Docket Number 14846-28 | |

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | 0884877 | | 12/16/1998 | Shioya et al. | |
| | 19731293 | | 01/14/1999 | Mannesmann | |
| | 97/43736 | | 11/20/1997 | Rhoads | |
| | 99/52051 | | 10/14/1999 | Palmer et al | |
| | 00/68858 | | 11/16/2000 | Mankoff | |
| | H10-187467 | | 07/21/1998 | Kodaira, et al. | |
| | 1022664 | | 07/26/2000 | Kobayashi, et al. | |
| | 01/18656 A1 | | 03/15/2001 | Reynolds, et al. | |
| | 02/17082 A1 | | 02/28/2002 | Davis, et al. | |
| | 99/40507 A1 | | 08/12/1999 | Andrews, et al. | |
| | 01088659 | | 11/22/2001 | Wong et al., | |
| | 2005-242976 | | 09/08/2005 | Iga | |
| | 2004/079603 | | 09/16/2004 | Torto | |
| | 2430549 | | 06/20/2002 | Case et al. | |
| | 0855659 | | 07/29/1998 | Gabber | |
| | 1014318A2 | | 06/28/2000 | Yamaguchi | |
| | 1056043 | | 11/29/2000 | Aoki | |
| | 2001134672 | | 05/18/2001 | Niie et al. | |
| | 200324329 | | 11/24/2000 | Matsumura et al. | |
| | 1089516 | | 04/04/2001 | Grandcolas, et al. | |

| | | |
|--------------------|--|-----------------|
| Examiner Signature | | Date Considered |
|--------------------|--|-----------------|

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| | | ECHARGE, ECHARGE CORPORATION, WWW.ECHARGE.COM, 12/03/1999 | |
| | | SUMMARY OF THE AT YOUR REQUEST ARCHITECTURE, FIRST USA BANK CONFIDENTIAL AND PROPRIETARY, 04/02/1999, PP. 1-8 | |
| | | SIEBEL; SIEBEL: ENSURING CUSTOMER SUCCESS, WWW.SIEBEL.COM, 11/17/1999 | |
| | | OMG; WELCOME TO OMG'S CORBA FOR BEGINNERS PAGE!, WWW.OMG.CO, 5/25/1999 | |
| | | SUN MICROSYSTEMS, INC.; SCHEMA FOR REPRESENTING CORBA OBJECTS IN AN LDAP DIRECTORY, 05/21/1999, PP. 1-9 | |
| | | OMG; LIBRARY, WWW.OMG.COM, 05/25/1999 | |
| | | OMG; WHAT IS CORBA?, WWW.OMG.COM, 05/25/1999 | |
| | | ANONYMOUS; OVERVIEW OF CORBA, 05/25/1999 | |
| | | ANONYMOUS; CORBA OVERVIEW, ARCH2.HTM AT PENT21.INFOSYS.TUWIEN.AC.AT, 05/25/1999 | |
| | | JAVA; JAVA (TM) TECHNOLOGY IN THE REAL WORLD, JAVA.SUN.COM, 05/21/1999 | |
| | | JAVA; JAVA(TM) SERVLET API, JAVA.SUN.COM, 05/21/1999 | |
| | | JAVA; STAYING IN TOUCH WITH JNDI, JAVA.SUN.COM, 05/21/1999 | |
| | | JAVA; JAVA(TM) REMOTE METHOD INVOCATION (RMI) INTERFACE, JAVA.SUN.COM, 05/32/1999 | |
| | | JAVA; BANKING ON JAVA(TM) TECHNOLOGY, JAVA.SUN.COM, 05/21/1999 | |
| | | APPLETS, JAVA.SUN.COM, 05/21/1999 | |
| | | JAVA; THE JDBC(TM) DATA ACCESS API, JAVA.SUN.COM, 05/21/1999 | |
| | | THOMAS; ENTERPRISE JAVABEANS(TM) TECHNOLOGY: SERVER COMPONENT MODEL FOR THE JAVA(TM) PLATFORM, JAVA.SUN.COM, 05/2/1999 | |
| | | GETTING SMART WITH JAVA: SUN MICRO SAYS AMERICAN EXPRESS TO USE JAVA FOR SMART CARD, ABCNEWS.COM, PRINTED ON 06/06/2000 | |
| | | BANK; CASH, CHECK, CHARGE--WHAT'S NEXT?, SEATTLE TIMES, 03/06/1995 | |
| | | VANDENENGEL; CARDS ON THE INTERNET: ADVERTISING ON A \$3 BILL, INDUSTRY INTELLIGENCE, 02/01/1995, PP. 46-48 | |
| | | STRASSEL; DUTCH SOFTWARE CONCERN EXPERIMENTS WITH ELECTRONIC 'CASH' IN CYBERSPACE, THE WALL STREET JOURNAL, 04/17/1995 | |
| | | KUTLER; CASH CARD CREATOR LOOKING BEYOND MONDEX, 02/09/1995 | |
| | | POST; E-CASH: CAN'T LIVE WITH IT, CAN'T LIVE WITHOUT IT, THE AMERICAN LAWYER, 03/01/1995, PP. 116-117 | |
| | | MITCHELL; CYBERSPACE: CRAFTING SOFTWARE, BUSINESS WEEK, 02/27/1999, PP. 78-86 | |
| | | KUTLER; A DIFFERENT DRUMMER ON THE DATA HIGHWAY, AMERICAN BANKER, SECTION: NO. 91, VOL. 160, 05/12/1995, PAGE 14 | |
| | | EPPER; A PLAYER GOES AFTER BIG BUCKS IN CYBERSPACE, AMERICAN BANKER, VOL. 160, NO. 86, ISSN: 0002-7561, 05/05/1995, P. 17 | |
| | | BARNHAM; NETWORK BRINGS TOGETHER PRODUCERS AND COMPANIES, DOCUMENT ID: 17347 | |
| | | HOULDER; OFT GIVES THE INDIVIDUAL TOP PRIORITY: REPORT CALLS FOR DEREGULATION OF BUSINESS LENDING, DOCUMENT ID: 91716, 06/08/1994 | |
| | | MAIZE; FANNIE MAE ON THE WEB, DOCUMENT ID: 52079, 05/08/1995 | |
| | | KNOWLES; IMPROVED INTERNET SECURITY ENABLING ON-LINE COMMERCE, PCWEEK, VOL. 12, NO. 11, ISSN: 0740-1604, 03/20/1995 | |
| | | ANONYMOUS; AVERTION THERAPY: BANKS OVERCOMING FEAR OF THE 'NET TO DEVELOP SAFE INTERNET-BASED PAYMENT SYSTEM W/ NETSCAPE COMMUNICATOR, NETWORK WORLD, ISSN: 0887-7661, 12/12/1994 | |

| | | | | | |
|--|----|----|----|------------------------|--------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
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|--------------------|-----------------------|---|----------------|
| | | CLARK; MICROSOFT, VISA TO JOINTLY DEVELOP PC ELECTRONIC-SHOPPING SOFTWARE, THE WALL STREET JOURNAL, 11/09/1994, 11/9/94 WSJ B9 | |
| | | HEWLETT-PACKARD COMPANY; UNDERSTANDING PRODUCT DATA MANAGEMENT, HEWLETT-PACKARD COMPANY | |
| | | GETTING STARTED: SPECIFIC GE TPN POST SERVICE USE GUIDELINES, PRINTED ON 04/26/1999 | |
| | | RESOURCE CENTER: CONSOLIDATED EDISON SELECTS GE TPN POST, PRINTED 04/26/1999 | |
| | | THOMAS PUBLISHING COMPANY; THOMASNET, 04/26,1999 | |
| | | THOMAS PUBLISHING COMPANY; SOLUSOURCE: FOR ENGINEERS BY ENGINEERS, THOMAS PUBLISHING COMPANY, 04/26/1999 | |
| | | HARRIS; HARRIS INFOSOURCE, PRINTED ON 04/26/1999 | |
| | | WELCOME TO MUSE, 04/26/1999 | |
| | | PRODUCT DATA INTEGRATION TECHNOLOGIES, INC., STEP INTEGRATIN AUTHORS, PRINTED ON 04/26/1999 | |
| | | SBA: PRO-NET, U.S. SMALL BUSINESS ADMINISTRATION PROCUREMENT MARKETING AND ACCESS NETWORK, LAST MODIFIED: 4/01/1999 | |
| | | FREEMARKETS, PRINTED ON 04/26/1999 | |
| | | AT YOUR REQUEST, WWW.WINGSPANBANK.COM, 09/28/1999 | |
| | | MEREDITH; INTERNET BANK MOVES CLOSER TO VIRTUAL REALITY, USA TODAY, 05/05/1995 | |
| | | SIRBU, ET AL; NETBILL: AN INTERNET COMMERCE SYSTEM OPTIMIZED FOR NETWORK DELIVERED SERVICES, PRINTED ON 02/27/1995 | |
| | | THE CHECK IS IN THE EMAIL, INFORMATION TODAY, VOL. 12, NO. 3, ISSN: 8755-6286, 03/01995 | |
| | | THE GALE GROUP; G&D AMERICA'S MULTI-APPLICATION SMART CARD SELECTED FOR COMBINED PAYROLL AND 'VIRTUAL BANKING' PROGRAM IN MEXICO, BUSINESS WIRE, 04/24/1998, P241047 | |
| | | MITCHELL; NETLINK GOES AFTER AN UNBANKED NICHE, CARD TECHNOLOGY, ISSN: 1093-1279, 09/1999, P. 22 | |
| | | BERRY ET AL.; A POTENT NEW TOOL FOR SELLING DATABSE, BUSINESS WEEK, COVER STORY, 09/05/1994, PP. 56-62 | |
| | | SHIBATA; SEVENTH INTERNATIONAL CONFERENCE ON PARALLEL AND DISTRIBUTED SYSTEMS: WORKSHOPS, IEEE COMPUTER SOCIETY, 4-7 JULY 2000 | |
| | | JAKOBSSON ET AL.; SECURE AND LIGHTWEIGHT ADVERTISING ON THE WEB, COMPUTER NETWORKS, 31 (1999) 1101-1109 | |
| | | FUJIMURA ET AL.; XML VOUCHER: GENERIC VOUCHER LANGUAGE, 02/2003 | |
| | | JEPSEN; SOAP CLEANS UP INTEROPERABILITY PROBLEMS ON THE WEB, IT PTO, JANUARY/FEBRUARY 2001 | |
| | | CHESTER; CROSS-PLATFORM INTEGRATION WITH XML AND SOAP, IT PTO 09/ - 10/2001 | |
| | | FRIEDMAN; DICTIONARY OF BUSINESS TERMS, BARRON'S THIRD EDITION, COPYRIGHT 2000 | |
| | | CONSORTIUM CREATED TO MANAGE COMMON ELECTRONIC PURSE SPECIFICATIONS, HTTP://WWW.VISA.COM/AV/NEWS/PRMISC051199.VHTML, PRINTED 02/23/2001 | |
| | | SMARTAXIS, HOW IT WORKS, HTTP://WWW.SMARTAXIS.CO.UK/SELLER/HOWITWORKS.HTML, PRINTED ON 02/23/2001 | |
| | | BECHTEL CONSTRUCTION OPERATIONS INCORPORATED STANDARDIZES ON PRIMAVERA'S EXPEDITION CONTRACT MANAGEMENT SOFTWARE, BUSINESS WIRE, 07/27/1999 | |
| | | PRIMAVERA AND PURCHASEPRO.COM TO CREATE E-COMMERCE MARKETPLACE FOR CONSTRUCTION INDUSTRY, PRIMAVERA SHIPS P3, VERSION 3.0, WWW.PURCHASEPRO.COM, 09/21/1999, PP. 1-3 | |

| | | | | | |
|--|----|----|----|------------------------|--------------------|
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|--------------------|-----------------------|---|----------------|
| | | PRIMAVERA SYSTEMS, INC. - HOW THE WORLD MANAGES PROJECTS, EXPEDITION CONTRACT CONTROL SOFTWARE, WWW.PRIMAVERA.COM, 06/23/2005 | |
| | | CIVITELLO JR.; CONSTRUCTION OPERATIONS MANUAL OF POLICIES AND PROCEDURES, THIRD EDITION, 2000 | |
| | | HARRIS; PLANNING USING PRIMAVERA PROJECT PLANNER P3 VERSION 3.0, USER GUIDE, COPYRIGHT 1999 BY EASTWOOD HARRY PTY LTD., 1999 | |
| | | RITZ; TOTAL CONSTRUCTION PROJECT MANAGEMENT, MCGRAW-HILL, 1994 | |
| | | MARCHMAN; CONSTRUCTION SCHEDULING WITH PRIMAVERA PROJECT PLANNER, 05/25/1999 | |
| | | ASSOCIATES NATIONAL BANK (DE) CREDIT CARD, THE ASSOCIATES, WWW.THEASSOCIATES.COM/CONSUMER/CREDIT_CARDS/MAIN.HTML , 04/06/1999, 6 PAGES | |
| | | TEMPORARY GLOBAL PASSWORDS, IBM CORPORATION, IBM TDB V36, N3, 03-93, ORDER 93A 60636, 03/01/1993, PP. 451-454 | |
| | | METHOD OF PROTECTING DATA ON A PERSONAL COMPUTER, IBM CORPORATION, TDB 11-85, ORDER 85A 62426, 11/01/1995, P. 2530 | |
| | | SAFE SINGLE-SIGN-ON PROTOCOL WITH MINIMAL PASSWORD EXPOSURE NO DECRYPTION AND TECHNOLOGY ADAPTIVITY, IBM CORPORATION, TDB 03-95, ORDER 95A, 03/01/1995, PP. 245-248 | |
| | | SERVLET/APPLET/HTML AUTHENTICATION PROCESS WITH SINGLE SIGN-ON, IBM CORPORATION, IBM ORDER: 00A6004, 01/01/2000 | |
| | | JOHNSTON; PONDERING PASSPORT: DO YOU TRUST MICROSOFT WITH YOUR DATA?, WWW.PCWORLD.COM/RESOURCE/PRINTABLE/ARTICLE/0.AID,63244,00.ASP, 09/24/2001 | |
| | | KORMANN; RISKS OF THE PASSPORT SINGLE SIGNON PROTOCOL, COMPUTER NETWORKS, ELSEVIER SCIENCE PRESS, VOL. 33, 09/20/2003, PP. 51-58 | |
| | | CARDEN, PHILIP; THE NEW FACE OF SINGLE SIGN-ON, NETWORK COMPUTING, HTTP://WWW.NETWORKCOMPUTING.COM, PRINTED 12/29/2000, 4 PAGES | |
| | | MARLIN; CHASING DOCUMENT MANAGEMENT, INFORM, VOL. 13, NO. 4, APRIL 199, PG. 76-82 | |
| | | CONSTRUCTION FINANCING TO BUILD YOUR OWN HOME, ISBN: 0962864307, JULY 1990 | |
| | | RADOSEVICH; IS WORK FLOW WORKING?, CNN.COM, APRIL 6, 1999 AT <HTTP://WWW.CNN.COM/TECH/COMPUTING/9904/06/WORKFLOW/ENT.IDG, PAGE 1 OF 5, RETRIEVED FROM THE INTERNET ON 11/28/2005 | |
| | | OMWARE, INC., WEB PAGES, FEBRUARY 2000, RETRIEVED FROM HTTP://WEB.ARCHIVE.ORG/WEB20000226033405/WWW.OMWARE.COM/PRODUCTS.HTML, RETRIEVED FROM THE INTERNET ON NOVEMBER 28, 2005 | |
| | | POINT FOR WINDOWS VERSION 3.X INTERFACE MARKETING GUIDE.PDF | |
| | | FRANK; JOHN N. FRANK, BEYOND DIRECT MAIL, CREDIT CARD MANAGEMENT, VOL. 9, ISS. 5, AUG. 1996, 4PGS. | |
| | | MARY C. LACITY, ET AL.; MARY C. LACITY, ET AL., THE INFORMATION SYSTEMS OUTSOURCING BANDWAGON, SLOAN MANAGEMENT REVIEW, VOL. 35, NO. 1, FALL 1993, PG. 73-86 | |
| | | FUSARO, ROBERTA; BUILDERS MOVING TO WEB TOOLS COMPUTERWORLD, NOVEMBER 16, 1998, VOL. 32, NO. 46, PAGES 51, 53 | |
| | | OWENS, DAVID; FACILITIES PLANNING & RELOCATION RSMEANS, 1993, ISBN: 0-87629-281-3 | |
| | | LARSEN, AMY; INTERNET GOES TO WORK FOR BUILDERS, INTERWEEK, NOVEMBER 16, 1998, ISSUE 741 | |
| | | PRIMAVERA SYSTEMS DELIVERS EXPEDITION EXPRESS,BUSINESS WIRE, FEBRUARY 23, 1999 | |
| | | DECKMYN, DOMINIQUE; SAN FRANCISCO MANAGES \$45M PROJECT VIA WEB-BASED SERVICE, COMPUTERWORLD, AUGUST 9, 1999, VOL. 33, NO. 32, PAGE 14 | |

| | | | | | |
|--|----|----|----|------------------------|--------------------|
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|--------------------|-----------------------|---|----------------|
| | | SEIBERT, PAUL; FACILITIES PLANNING & DESIGN FOR FINANCIAL INSTITUTIONS BANKLINE PUBLICATIONS, 1996, ISBN: 1-55738-780-X | |
| | | MOSIG, RICHARD; SOFTWARE REVIEW: THE CONSTRUCTION PROJECT MANAGER COST ENGINEERING, JANUARY 1996, VOL. 38, NO. 1, PAGES 7-8 | |
| | | HERNANDEZ, TOMAS ET AL.; SOFTWARE SOLUTIONS BUILDING DESIGN & CONSTRUCTION, NOVEMBER 1999, VOL. 40, NO. 11, PAGES 38-40 | |
| | | TAYLOR; TELECOMMUNICATIONS DEMAND ANALYSIS IN TRANSITION, PROCEEDINGS OF THE 31ST HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES, VOL. 5, JANUARY 6-9, 1998, PAGES 409-415 | |
| | | COTTS, DAVID; THE FACILITY MANAGEMENT HANDBOOK SECOND EDITION AMACM, 1998, ISBN: 0-8144-030-8 | |
| | | | |

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